

CLAIMS

Claims 1 - 77 (canceled)

Claim 78 (previously presented): A method for protecting access to content recorded on a media recording disk (DVD), comprising:

providing a disk security chip on the DVD, said disk security chip managing access to the content of the DVD;

providing a corresponding player security chip in a DVD player which is operative to play the DVD, said player security chip managing use of a data stream received from the DVD, said disk security chip being in wireless communication with said player security chip; and

providing said disk security chip with a disk key not known to a disk manufacturer,

wherein said disk security chip, after assuring that said DVD player is authentic, sends said DVD player said disk key.

Claim 79 (canceled)

Claim 80 (previously presented): The method according to claim 78 and comprising encrypting contents of said DVD with a content key.

Claim 81 (previously presented): The method according to claim 78 and comprising performing an authentication process between said disk security chip and said player security chip.

Claim 82 (previously presented): The method according to claim 81 and wherein said authentication process comprises a mutual zero-knowledge interaction authentication process.

Claim 83 (cancelled)

Claim 84 (previously presented): The method according to claim 78 and wherein said disk security chip, after assuring that said DVD player is authentic, sends said DVD player said disk key encrypted with said player key.

Claim 85 (previously presented): The method according to claim 78 and wherein said player security chip verifies legitimacy of said disk key as a function of a geometric property of said DVD.

Claim 86 (previously presented): The method according to claim 85 and wherein said DVD is a multi-layer DVD and said geometric property is an angle between layers of said DVD.

Claims 87 - 95 (cancelled)

Claim 96 (previously presented): A method for protecting access to content recorded on a media recording disk (DVD), comprising:

providing a disk security chip on the DVD, said disk security chip managing access to the content of the DVD; and

providing a corresponding player security chip in a DVD player which is operative to play the DVD, said player security chip managing use of a data stream received from the DVD, said disk security chip being in wireless communication with said player security chip,

wherein said disk security chip, after assuring that said DVD player is authentic, sends said DVD player a disk key.

Claim 97 (previously presented): The method according to claim 96 and comprising encrypting contents of said DVD with a content key.

Claim 98 (previously presented): The method according to claim 96 and comprising performing an authentication process between said disk security chip and said player security chip.

Claim 99 (previously presented): The method according to claim 98 and wherein said authentication process comprises a mutual zero-knowledge interaction authentication process.

Claim 100 (previously presented): The method according to claim 96 and wherein said disk security chip, after assuring that said DVD player is authentic, sends said DVD player said disk key encrypted with said player key.

Claim 101 (previously presented): The method according to claim 96 and wherein said player security chip verifies legitimacy of said disk key as a function of a geometric property of said DVD.

Claim 102 (previously presented): The method according to claim 101 and wherein said DVD is a multi-layer DVD and said geometric property is an angle between layers of said DVD.